

CLAIMS:

- Q1
Amended
1. A compression sleeve at least a portion of which is made of a first and a second sheet of a flexible material each having distal and proximal end edges and two lateral edges extending therebetween; the sheets being connected one to the other by a plurality of longitudinal connection lines directed transversely to said lateral edges and thereby forming a plurality of longitudinal pressure cells each defined between a pair of connection lines and first and second strip regions of the respective first and second sheets, a width of the second strip region between said pair of connection lines, at least in the majority of the cells, being greater than that of the first strip region, said pressure cells being at least indirectly inflatable and, when inflated to exert pressure on a body, having said second strip region of one cell overlapping the second strip region of an immediately adjacent neighboring cell.
2. A compression sleeve according to Claim 1, wherein said first and second sheets are made of a fluid-imperious material, and they are sealingly connected by said longitudinal connection lines and by lateral connection lines extending along said lateral edges, the first or the second strip region of each cell having a fluid opening to enable direct inflation of the cell.
3. A compression sleeve according to Claim 1, wherein said second strip region of each cell is formed, along the longitudinal connection lines, with a pleat.
4. A compression sleeve according to Claim 1, wherein the width of material of the second strip portion is greater than the width of material of the first strip portion to about 50% of the width of the first strip region.
- Q2
Amended
5. A compression sleeve according to Claim 3, wherein each pleat, when deflated, overlaps the second strip regions of an immediately adjacent neighboring cell to 25% to 35% of the width thereof.
6. A compression sleeve according to Claim 3, wherein the pleats are oriented in the direction towards the proximal end edge of the sheets.

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